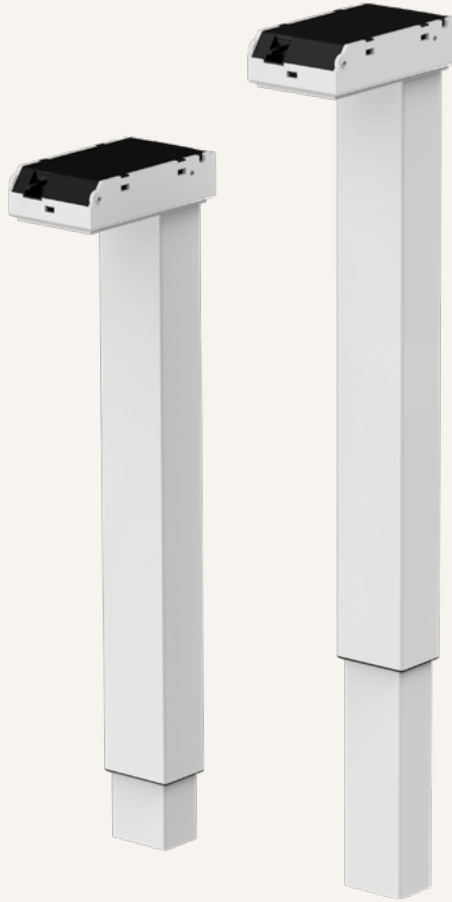


# TL26

## series



### Product Segments

#### • Ergo Motion

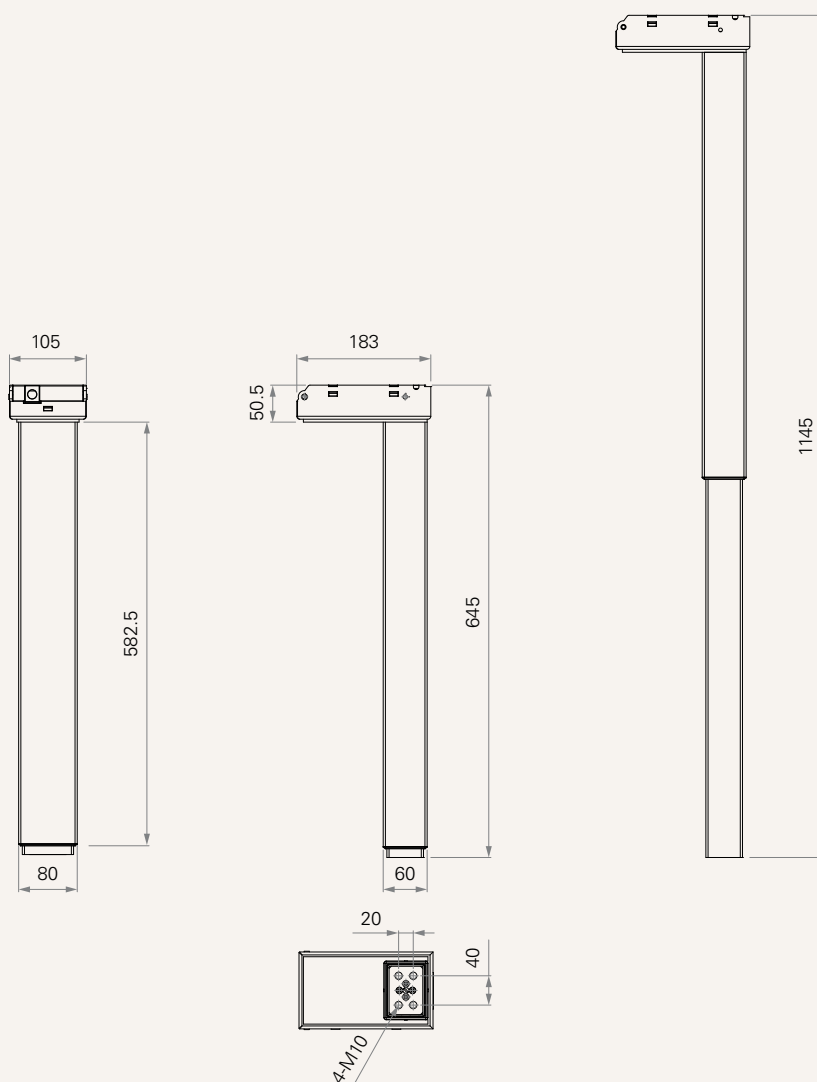
TiMOTION's TL26 series lifting columns are specifically designed for use in ergonomic desks and work tables. Using multiple TL series lifting columns with compatible TC series Control Boxes and TH/TDH series controls, work surfaces can be controlled quietly and smoothly with synchronous movement. All Ergo Motion TC series control boxes have a less than 0.1W standby power option that reduces power consumption. Our wide range of columns offer customers the solutions they require to satisfy their working environment project requirements. The TL26 has a two stage telescopic outer tube that is designed for a wide-top, narrow-bottom rectangular appearance.

#### General Features

|                         |                      |
|-------------------------|----------------------|
| Max. load               | 800N (push)          |
| Max. speed at max. load | 28mm/s               |
| Max. speed at no load   | 46mm/s               |
| Retracted length        | 645mm                |
| Dimension of outer tube | 80*60mm rectangular  |
| Stages                  | 2-stage, upside down |
| Stroke                  | 500mm                |
| Output signals          | Hall sensor * 2      |
| Voltage                 | 24V DC               |
| Product Weight          | 7.2kg /column        |

## Drawing

Standard Dimensions  
(mm)



## Load and Speed

| CODE                  | Load (N) | Self Locking Force (N) | Typical Current (A) |                     | Typical Speed (mm/s) |                     |
|-----------------------|----------|------------------------|---------------------|---------------------|----------------------|---------------------|
|                       | Push     |                        | No Load<br>32V DC   | With Load<br>24V DC | No Load<br>32V DC    | With Load<br>24V DC |
| Motor Speed (5200RPM) |          |                        |                     |                     |                      |                     |
| A                     | 800      | 800                    | 2.5                 | 5.0                 | 46.0                 | 28.0                |

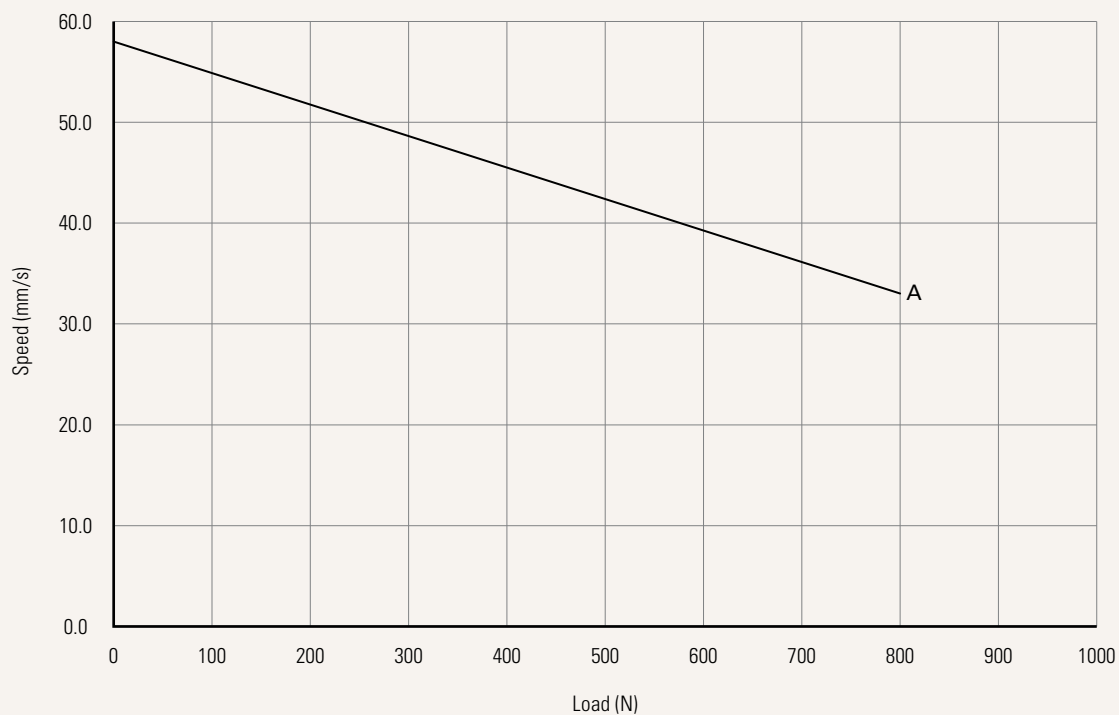
## Note

- 1 This self-locking force level is reached only when a short circuit is applied on the terminals of the motor. All the TiMOTION control boxes have this feature built-in.
- 2 Parameters above are from tested average, please refer to approval drawing for final value.

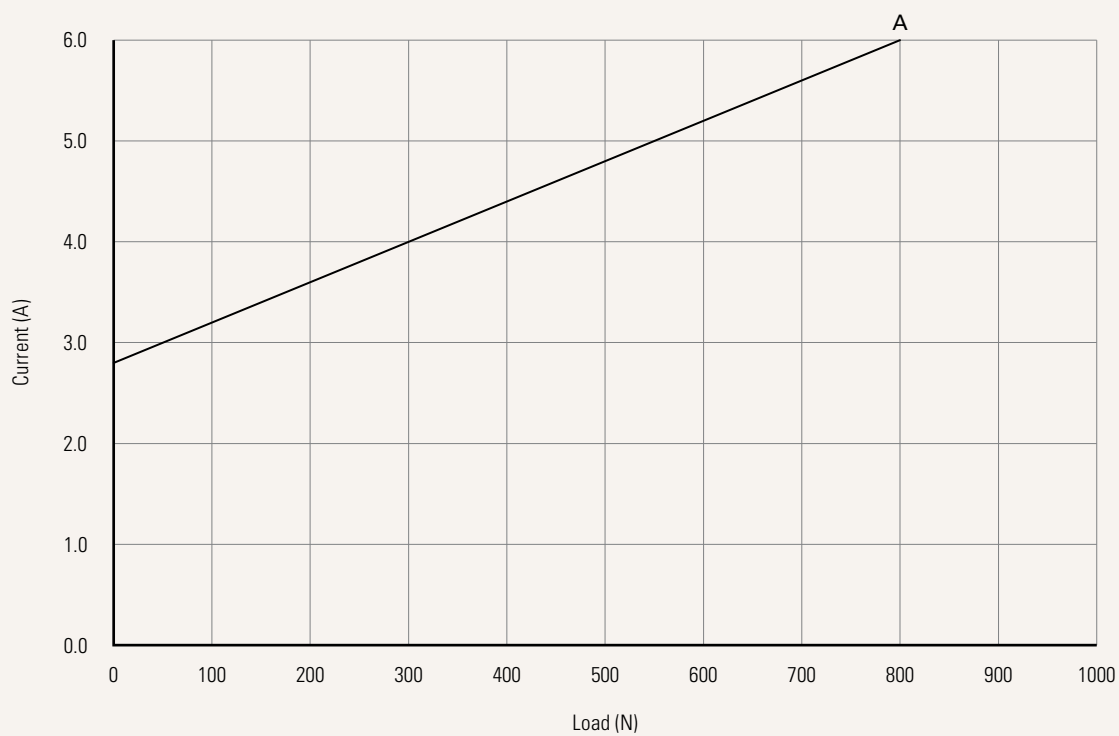
## Performance Data (24V DC Motor)

Motor Speed (5200RPM)

Speed vs. Load



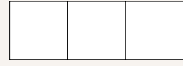
Current vs. Load



# TL26 Ordering Key

## TL26

Version: 20260123-F



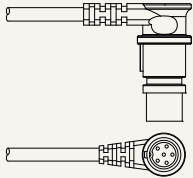
|                                                |                                                                                                                                                                                      |                                                                                                                                                                                                                 |                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>Appearance of Tubes</b>                     | C = Without wiper fixing holes at sides                                                                                                                                              |                                                                                                                                                                                                                 |                    |
| <b>Voltage</b>                                 | 2 = 24V                                                                                                                                                                              |                                                                                                                                                                                                                 |                    |
| <b>Load and Speed</b>                          | <a href="#">See page 2</a>                                                                                                                                                           |                                                                                                                                                                                                                 |                    |
| <b>Stroke &amp; Retracted Length (mm)</b>      | See appendix*<br>Note: please contact TiMOTION before making an order                                                                                                                |                                                                                                                                                                                                                 |                    |
| <b>Color</b>                                   | 1 = Black, RAL 9005, Black wiper<br>2 = Grey, RAL 9006, Black wiper<br>3 = White, RAL 9016, Black wiper<br>4 = Special grey, RAL 9022, Black wiper<br>6 = Grey, RAL 9006, Grey wiper | 7 = White, RAL 9016, White wiper<br>8 = Special grey, RAL 9022, Grey wiper<br>B = Matte black, RAL 7021, Black wiper<br>C = Graphite grey, RAL7024, Black wiper<br>D = Matte black, RAL 7021, Matte Black wiper |                    |
| <b>Motor Housing Step</b>                      | 0 = With                                                                                                                                                                             | 1 = Without                                                                                                                                                                                                     |                    |
| <b>Output Signals</b>                          | 2 = Hall sensor * 2                                                                                                                                                                  |                                                                                                                                                                                                                 |                    |
| <b>Connector</b><br><a href="#">See page 5</a> | 1 = DIN 6P, 90° plug<br>E = Molex 8P, 180° plug, standard                                                                                                                            | F = Molex 8P, 90° plug, without anti-clip, for TC22 / TC23                                                                                                                                                      |                    |
| <b>Cable Length (mm)</b>                       | 1 = Straight, 500                                                                                                                                                                    | 3 = Straight, 1000                                                                                                                                                                                              | 4 = Straight, 1500 |
| <b>Bracket</b>                                 | 0 = Without                                                                                                                                                                          |                                                                                                                                                                                                                 |                    |

### Note

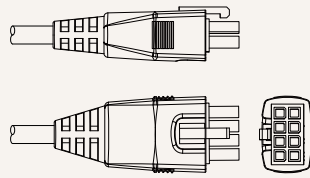
<sup>1</sup> The TL is designed especially for push applications, not suitable for pull applications.

## Connector

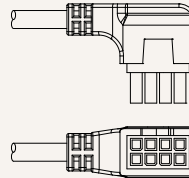
1 = DIN 6P, 90° plug



E = Molex 8P, 180° plug, standard



F = Molex 8P, 90° plug, without anti-clip, for TC22 / TC23



## Terms of Use

The user is responsible for determining the suitability of TiMOTION products for a specific application. TiMOTION products are subject to change without prior notice.